

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECURITY INFORMATION

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|----------------|-------------------------------------|--------------|---------------|------|
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This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

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Analysis of Nonferrous Metal Production in East Germany in 1952

The achievements of East Germany in the nonferrous metal industry during 1952 were as follows (all figures are in metric tons):

| | <u>Plan</u> | <u>Actual</u> | <u>Remarks</u> | ILLEGIB |
|----------------------------|---------------|---------------|----------------|---------|
| 1. <u>Copper:</u> | | | | |
| Ilseburg | 9,600 | 9,623 | | |
| Berliner M.H.W. | 3,300 | 2,716 | | |
| Mansfeld | <u>14,400</u> | <u>14,791</u> | | |
| | 27,300 | 27,130 | | |
| Imports | <u>10,000</u> | <u>12,510</u> | | |
| | <u>37,300</u> | <u>39,640</u> | | |
| 2. <u>Aluminum (pure):</u> | <u>Plan</u> | <u>Actual</u> | | |
| Bitterfeld | 15,500 | 15,307 | | |
| Imports | <u>3,600</u> | 200 (foil) | | |
| | <u>19,100</u> | <u>15,507</u> | | |

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25 YEAR RE-REVIEW

| | | | | | | | | | | | | | | | |
|-------|---|------|---|------|---|-----|---|-----|--|-----|--|--|--|--------|---|
| STATE | X | ARMY | X | NAVY | X | AIR | X | FBI | | AEC | | | | ORR Ev | X |
|-------|---|------|---|------|---|-----|---|-----|--|-----|--|--|--|--------|---|

(Note: Washington Distribution Indicated By "X"; Field Distribution By "#")

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| | | |
|-------------------------------------|--------------------|----------------------|
| 3. <u>Aluminum (alloys):</u> | <u>Plan</u> | <u>Actual</u> |
| Berliner M.H.W. | 2,290 | 2,595 |
| Rackwitz | 3,700 | 4,514 |
| Bitterfeld | 7,100 | 5,028 |
| | <u>13,090</u> | <u>12,137</u> |

The Berlin and Rackwitz plants more than achieved their planned production figure but its quality was not always up to requirements; at Bitterfeld the result was poor both qualitatively and quantitatively. This was a result in both cases of the inferior type of scrap supplied. Consequently certain aluminum alloys, e.g. Si 5, 6, 52, Hy 3-5 and those used in cylinder castings could not be produced. This in turn led to insufficient supplies of aluminum alloys of the right type going to Hettstedt for the production of rolled products.

| | | | |
|-----------------------|--------------------|----------------------|---|
| 4. <u>Lead</u> | <u>Plan</u> | <u>Actual</u> | <u>Remarks</u> |
| Freiberg | 13,050 | 11,595 | Non-fulfillment because of shortage of scrap. |
| Mansfeld | 3,600 | 2,994 | |
| Berliner M.H.W. | 2,300 | 1,623 | |
| | <u>18,950</u> | <u>16,212</u> | |
| Imports | 7,500 | 8,852 | |
| | <u>26,450</u> | <u>25,064</u> | |

| | | | |
|--------------------------|--------------------|----------------------|---|
| 5. <u>Bronze:</u> | <u>Plan</u> | <u>Actual</u> | |
| Berliner M.H.W. | 2,000 | 2,557 | This result was because of the good supplies of scrap obtained. |
| Imports | 2,000 | 1,966 | |
| | <u>4,000</u> | <u>4,523</u> | |

| | | |
|------------------------------|--------------------|----------------------|
| 6. <u>Tin (pure):</u> | <u>Plan</u> | <u>Actual</u> |
| Freiberg | 140 | 138 |
| Imports | 250 | 498 |
| | <u>390</u> | <u>636</u> |

| | | |
|-------------------------------|--------------------|----------------------|
| 7. <u>Tin (crude):</u> | <u>Plan</u> | <u>Actual</u> |
| Freiberg | 395 | 382 |
| Imports | 250 | 247 |
| | <u>645</u> | <u>629</u> |

| | | |
|-------------------------|--------------------|----------------------|
| 8. <u>Brass:</u> | <u>Plan</u> | <u>Actual</u> |
| Berliner M.H.W. | 2,000 | 1,965 |

| | | | |
|-------------------------------------|--------------------|----------------------|-------------------------------------|
| 9. <u>Zinc (from scrap):</u> | <u>Plan</u> | <u>Actual</u> | |
| Berliner M.H.W. | 3,000 | 3,189 | This plant closed down in June 1952 |
| Vertriebslager Leipzig | 1,100 | 598 | |
| | <u>4,100</u> | <u>3,787</u> | |

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| | <u>Plan</u> | <u>Actual</u> | <u>Remarks</u> |
|-----------------------------------|-------------|---------------|---|
| 10. <u>White Metal (10% tin):</u> | | | |
| Vertriebslager Leipzig | 30 | 39 | |
| Schaefer & Schael ² | 560 | 611 | |
| Freiberg | 360 | 377 | |
| | 950 | 1,027 | |
| | 1,000 | 31 | |
| | 1,950 | 1,058 | DIA Metall failed to secure these 31 tons from West |
| 11. <u>Nickel:</u> | <u>Plan</u> | <u>Actual</u> | |
| Aue | 135 | 176 | |
| Imports | 500 | 537 | |
| | 635 | 713 | |
| 12. <u>Magnesium:</u> | <u>Plan</u> | <u>Actual</u> | |
| Bitterfeld | 1,500 | 1,020 | |
| Rackwitz | 1,500 | 1,173 | |
| | 3,000 | 2,193 | Raw material supplies were inadequate. There were no imports. |
| 13. <u>Antimony:</u> | <u>Plan</u> | <u>Actual</u> | |
| Oberboehmsdorf: | 113 | 113 | |
| Imports | 700 | 1,300 | |
| | 813 | 1,413 | Of this amount 600 tons were set aside as a special reserve. |
| 14. <u>Solder:</u> | <u>Plan</u> | <u>Actual</u> | |
| Vertriebslager Freiberg | 190 | 190 | |
| Imports | 146 | 146 | |
| | 336 | 336 | |
| 15. <u>Bismuth:</u> | <u>Plan</u> | <u>Actual</u> | |
| Freiberg | 4 | 5 | |
| Imports | 7.5 | 4.4 | |
| | 11.5 | 9.4 | |
| 16. <u>Selenium:</u> | <u>Plan</u> | <u>Actual</u> | |
| Mansfeld | 5.3 | 6.3 | |
| Imports | 1.6 | 1.6 | |
| | 6.6 | 7.9 | |
| 17. <u>Arsenic:</u> | <u>Plan</u> | <u>Actual</u> | |
| Freiberg | 10 | 10 | Of this 6½ tons were exported. |

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18. The following metals were all obtained exclusively by imports:

| | <u>Plan</u> | <u>Actual</u> | <u>Remarks</u> |
|-------------------|-------------|---------------|----------------|
| Zinc (pure) | 9,300 | 10,587 | |
| White metal (80%) | 100 | 100 | |
| Cadmium | 63 | 48 | |
| Silicon | 170 | 12 | |
| Manganese | 8 | 8 | |
| Chromium | 7 | 5 | |
| Molybdenum | Nil | 0.9 | |
| Zirconium | 0.04 | 0.024 | |
| Beryllium | 0.008 | 0.008 | |
| Cobalt | 30 | 29 | |

19. Rolled Products:

| (a) <u>From copper</u> | <u>Plan</u> | <u>Actual</u> |
|------------------------|---------------|---------------|
| Hettstedt | 16,445 | 14,796 |
| Berliner M.H.W. | 2,650 | 2,062 |
| KWO | 13,000 | 15,494 |
| | <u>32,095</u> | <u>32,352</u> |

| (b) <u>From brass:</u> | <u>Plan</u> | <u>Actual</u> |
|------------------------|---------------|---------------|
| Hettstedt | 8,880 | 8,402 |
| Berliner M.H.W. | 1,890 | 1,560 |
| Auerhammer | 300 | 360 |
| | <u>11,070</u> | <u>10,322</u> |

| (c) <u>From aluminum:</u> | <u>Plan</u> | <u>Actual</u> |
|---------------------------|---------------|---------------|
| Hettstedt | 9,625 | 7,326 |
| Berliner M.H.W. | 550 | 445 |
| Rackwitz | 1,375 | 1,788 |
| Merseburg | 2,100 | 2,214 |
| Bitterfeld | 3,950 | 4,578 |
| | <u>17,600</u> | <u>16,351</u> |

Including aluminum foil.

| (d) <u>From bronze:</u> | <u>Plan</u> | <u>Actual</u> |
|-------------------------|-------------|---------------|
| Auerhammer | 110 | 101 |
| Rackwitz | 100 | 103 |
| Hettstedt | 60 | 43 |
| | <u>270</u> | <u>247</u> |

| (e) <u>From lead:</u> | <u>Plan</u> | <u>Actual</u> |
|-----------------------|--------------|---------------|
| Torrey ² | 100 | 105 |
| Freiberg | 5,000 | 2,422 |
| | <u>5,100</u> | <u>2,527</u> |

Lack of scrap hindered production

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| | | |
|-----------------------|--------------|---------------|
| (f) <u>From zinc:</u> | <u>Plan</u> | <u>Actual</u> |
| Hettstedt | 600 | 603 |
| Berliner M.H.W. | 400 | 215 |
| | <u>1,000</u> | <u>818</u> |

| | | |
|-------------------------|-------------|---------------|
| (g) <u>From nickel:</u> | <u>Plan</u> | <u>Actual</u> |
| Hettstedt | 126 | 93 |
| Auerhammer | 40 | 33 |
| | <u>166</u> | <u>126</u> |

| | | |
|-----------------------------|-------------|---------------|
| (h) <u>Constantan wire:</u> | <u>Plan</u> | <u>Actual</u> |
| Hettstedt | 24 | 20 |
| Auerhammer | 16 | 18 |
| | <u>40</u> | <u>38</u> |

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